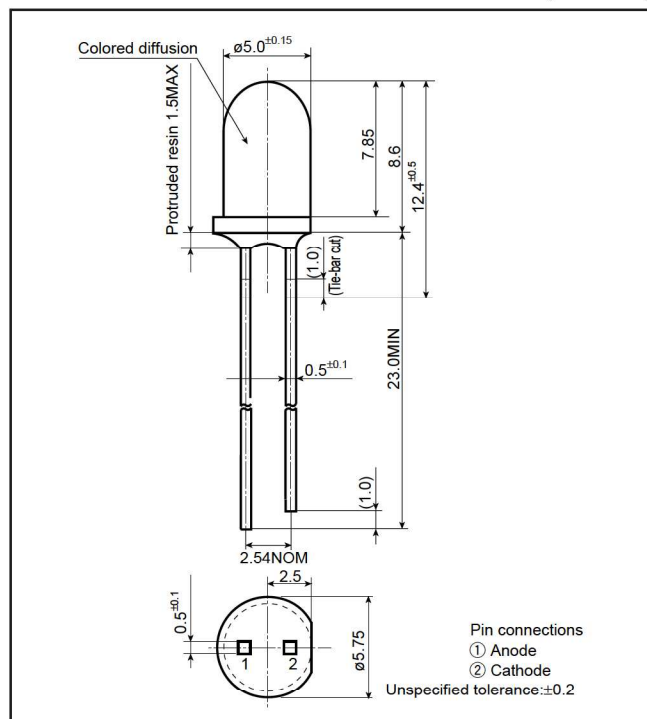


GL5TR8

ø5mm(T-1 3/4), Cylinder Type, Colored Diffusion, High-luminosity LED Lamps for Outdoor Use

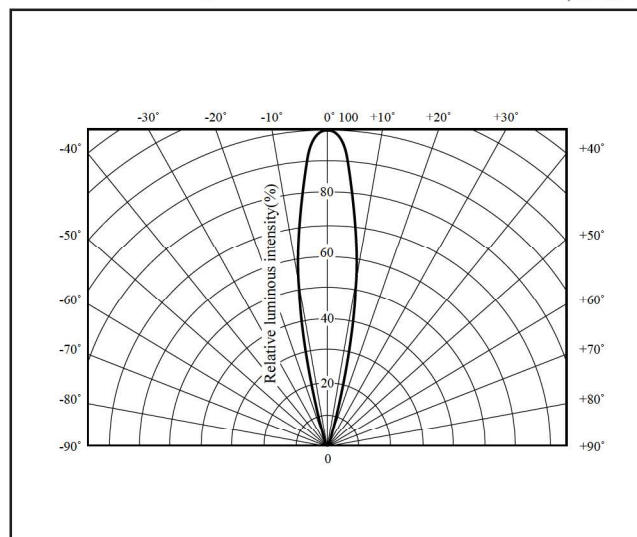
Outline Dimensions

(Unit : mm)



Radiation Diagram

(Ta=25°C)



Absolute Maximum Ratings

(Ta=25°C)

Model No.	Radiation color	Radiation material	Power dissipation P (mW)	Forward current I _F (mA)	Peak forward current I _{FM} (mA)	Derating factor (mA/°C)		Reverse voltage V _R (V)	Operating temperature T _{opr} (°C)	Storage temperature T _{stg} (°C)	Soldering temperature T _{sol} *2 (°C)
						DC	Pulse				
GL5TR8	Red(High-luminosity)	GaAlAs on GaAs	110	50	300*1	0.67	4.00	5	-25 to +85	-25 to +100	260

*1 Duty ratio=1/16, Pulse width $\leq$ 1ms

*2 5s or less(At the position of 1.6mm or more from the bottom face of resin package)

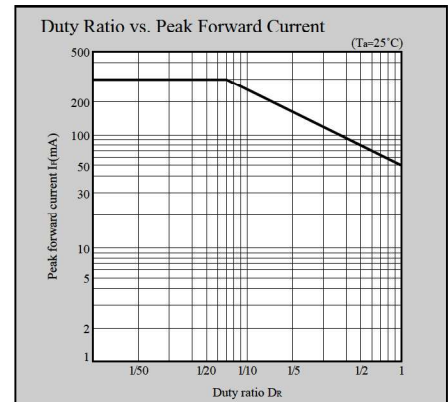
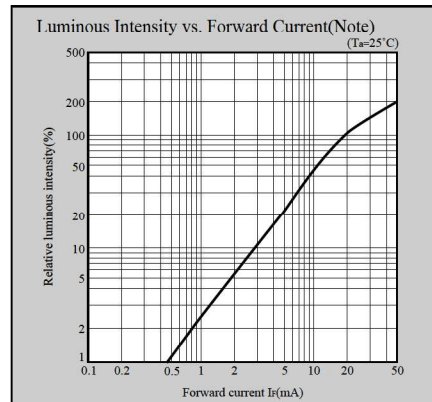
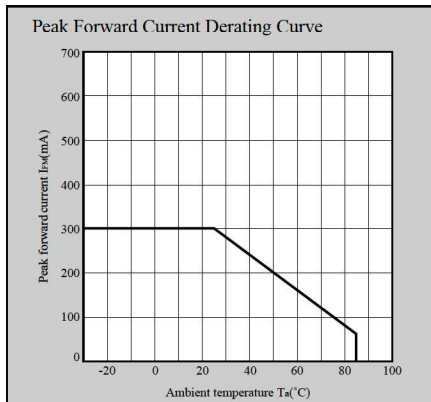
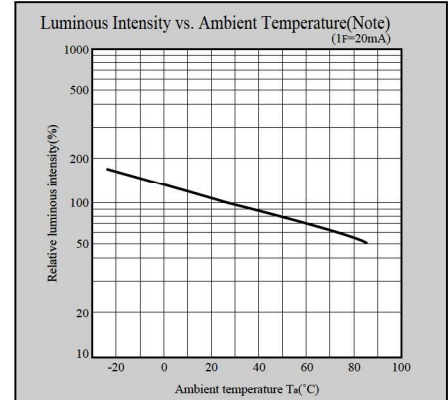
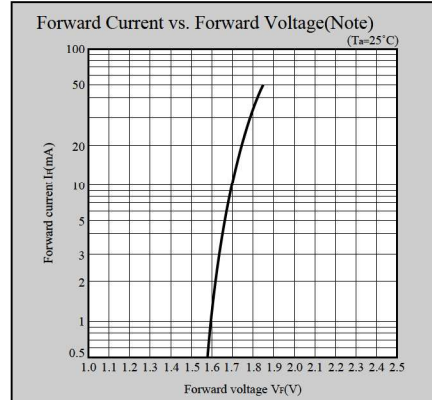
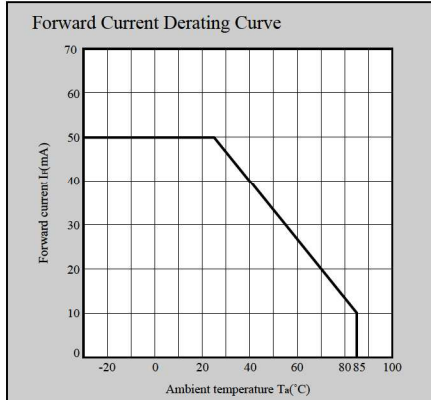
Electro-optical Characteristics

(Ta=25°C)

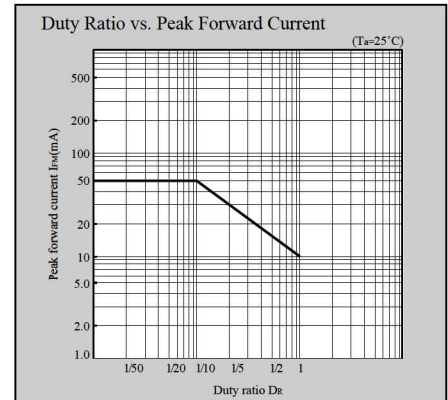
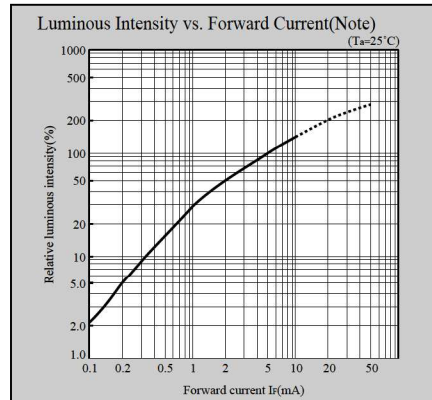
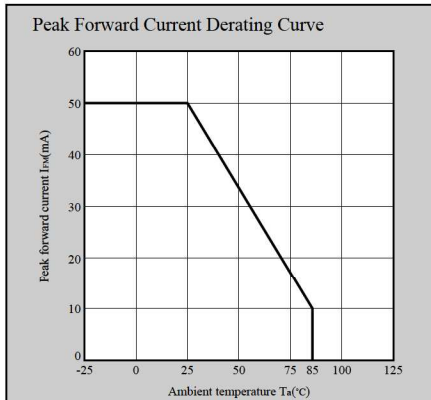
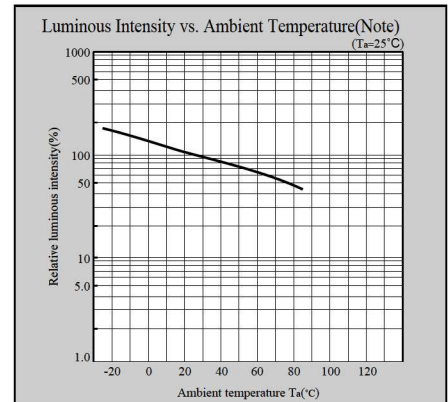
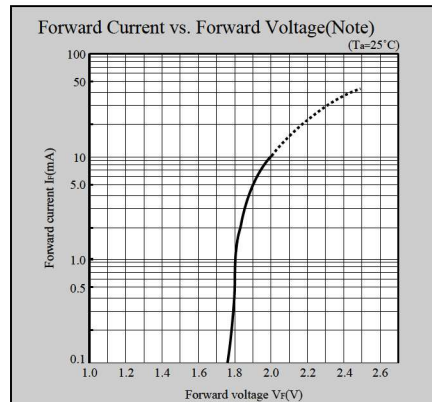
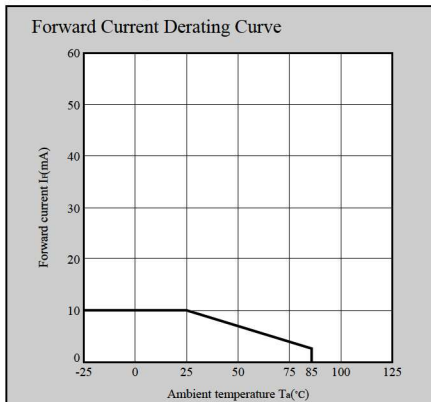
Lens type	Model No.	Forward voltage V _F (V)		Peak emission wavelength λ_p (nm)		Luminous intensity I _v (mcd)		Spectrum radiation bandwidth $\Delta\lambda$ (nm)		Reverse current I _R (μ A)		Terminal capacitance C _t (pF)		Page for characteristics diagrams
		TYP	MAX	TYP	I _F (mA)	TYP	I _F (mA)	TYP	I _F (mA)	MAX	V _R (V)	TYP	(MHz)	
Colored diffusion	GL5TR8	1.75	2.2	660	20	80	20	20	20	10	4	30	1	146

LED Lamp Characteristics Diagrams

TR,T series



PR,P series



Note) Characteristics shown in diagrams are typical values. (not assurance value)